

Converting Colors

XYZ(59.4069, 62.4002, 67.5626)

Have a look what the booklet for
XYZ(59.4069, 62.4002, 67.5626)
contains.

XYZ(59.4658, 62.4918, 67.3205)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(59.4658, 62.4918,
67.3205)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CFCE
RGB	208, 207, 206
RGB Percent	82%, 81%, 81%
CMY	0.1843, 0.1882, 0.1922
CMYK	0.00, 0.00, 0.01, 0.18
HSL	30°, 2%, 81%
HSV	30°, 1%, 82%
XYZ	59.4658, 62.4918, 67.3205
YIQ	207.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

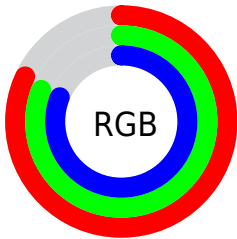
Format	Color
R _Y B	208, 208, 206
Decimal	13684686
CIE Lab	83.17, 0.17, 0.61
CIE LCh	83, 0.630, 74.713
Yxy	62.4918, 0.3142, 0.3302
Android (android.graphics.Color)	4291874766 (0xFFD0CFCE)
YUV	207.1850, -0.5842, 0.7148
Hunter-Lab	79.0518, -4.0659, 4.8448

Details

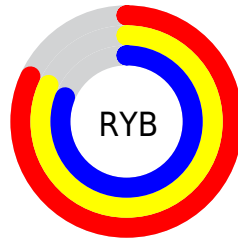
The XYZ color **59.4658, 62.4918, 67.3205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1516, 62.3006, 68.5828**, and the grayscale version is **59.4321, 62.5272, 68.0922**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.3852, 31.9195, 34.2654** is the 20% darker color. If you saturate the color by 10%, you get **54.6766, 56.6926, 54.0715**, and if you desaturate by 10%, it is **64.7577, 68.7596, 82.3884**.

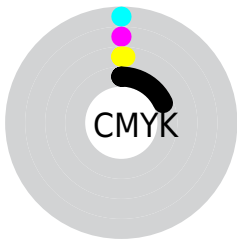
Distribution



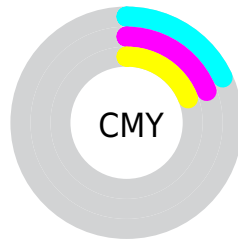
- Red (82%)
- Green (81%)
- Blue (81%)



- Red (82%)
- Yellow (82%)
- Blue (81%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4658, 62.4918, 67.3205 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 59.4658, 62.4918, 67.3205 by changing the saturation by 10% instead.

■ 59.4658, 62.4918,
67.3205

■ 59.4658, 62.4918,
67.3205

412.4923,
433.7228, 469.6173

■ 43.2360, 45.4302,
48.8819

103.1651,
108.4360, 117.0245

■ 30.2657, 31.7964,
34.1609

131.3654,
138.0874, 149.1271

■ 20.1894, 21.2060,
22.7388

164.2864,
172.7042, 186.6213

■ 12.6419, 13.2747,
14.1973

202.2938,
212.6708, 229.9258

■ 7.2577, 7.6180,
8.1177

245.7526,
258.3715, 279.4591

■ 3.6715, 3.8515,
4.0815

295.0285,

■ 1.5180, 1.5908,

310.1908, 335.6398

1.6702

350.4865,
368.5131, 398.8863

■ 0.3381, 0.3514,
0.3402

■ 0.0000, 0.0000,
0.0000

■ 59.4658, 62.4918,
67.3205

■ 59.4658, 62.4918,
67.3205

■ 54.6766, 56.6926,
54.0715

■ 64.7577, 68.7596,
82.3884

■ 50.3687, 51.3425,
42.5676

■ 70.5624, 75.4990,
99.3371

■ 46.5266, 46.4321,
32.7361

■ 74.6626, 81.8298,
106.4673

■ 43.1323, 41.9489,
24.4973

■ 77.7679, 88.0404,
107.5024

■ 40.1661, 37.8794,
17.7651

■ 79.8227, 92.1501,
108.1874

■ 37.6067, 34.2095,
12.4451

■ 35.4307, 30.9240,
8.4322

■ 33.6117, 28.0060,
5.6062

■ 32.1188, 25.4369,
3.8242

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.5833, 62.4918, 67.5155



59.4658, 62.4918, 67.3205



59.3300, 62.4918, 67.3186

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.4658, 62.4918, 67.3205



59.1431, 62.4918, 68.2340



59.5814, 62.4918, 68.5785

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59.4658, 62.4918, 67.3205



59.1516, 62.3006, 68.5828

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.4633, 62.4918, 68.7725



59.4658, 62.4918, 67.3205



59.2103, 62.4918, 68.5731

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.4658, 62.4918, 67.3205



59.1438, 62.4918, 67.8450



59.3274, 62.4918, 68.7705



59.6501, 62.4918, 68.2413

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.4658, 62.4918, 67.3205



59.2473, 62.4918, 67.4270



59.3274, 62.4918, 68.7705



59.5462, 62.4918, 68.6627

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59.4676, 62.4945, 67.3219

95.0500, 100.0000, 108.9000



59.3471, 62.0585, 67.8829



20.3446, 21.4041, 23.3091



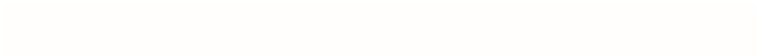
0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.4676, 62.4945, 67.3219



94.2382, 99.0291, 106.6174



59.7097, 62.9787, 67.4026



13.1998, 13.8720, 14.9470



19.4193, 14.7715, 1.8277



1.1652, 0.9846, 0.1286

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



59.1516, 62.3006, 68.5828



93.7111, 98.7057, 108.7207



58.9110, 61.8195, 68.5026



13.1312, 13.8299, 15.2210



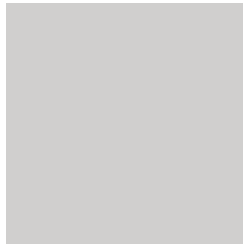
10.2531, 9.1528, 38.4188



0.6526, 0.6705, 2.1746

Previews

White Background



This preview shows how the XYZ color 59.4658, 62.4918, 67.3205 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 59.4658, 62.4918, 67.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

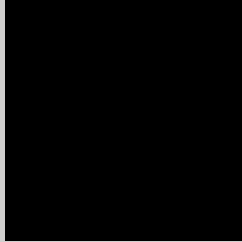
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

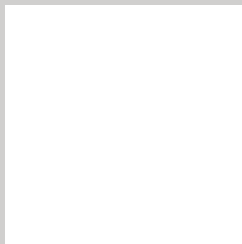
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.4658, 62.4918, 67.3205

Background



This preview shows how black text looks on a background with the XYZ color 59.4658, 62.4918, 67.3205.

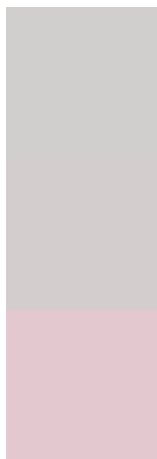


This preview shows how white text looks on a background with the XYZ color 59.4658, 62.4918,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

59.4658, 62.4918, 67.3205

Protanopia

59.9547, 62.3993, 66.6419

Deuteranopia

63.5953, 62.1444, 67.6747



Tritanopia

61.4608, 62.5847, 77.2473

Trichromacy



Original Color

59.4658, 62.4918, 67.3205

Protanomaly

59.6691, 62.2520, 66.6286

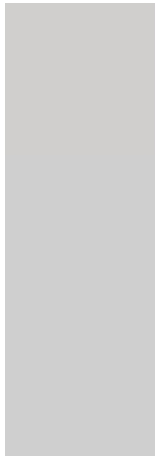
Deuteranomaly

62.1336, 62.4325, 67.8074

Tritanomaly

60.7605, 62.6558, 73.8571

Monochromacy



Original Color

59.4658, 62.4918, 67.3205

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.3074, 62.3960, 67.9493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4658, 62.4918, 67.3205 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(208, 207, 206) looks like.

```
.text, #text, p{  
    color:rgb(208, 207, 206)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(208, 207, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 207, 206) }
```

Border

The CSS property to change the border of an element to XYZ 59.4658, 62.4918, 67.3205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 207, 206) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(208, 207, 206) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(208, 207, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 207, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 207, 206);  
box-shadow:4px 4px 4px 4px rgb(208, 207,  
206) }
```


Background

The CSS property to change the background color of an element to XYZ 59.4658, 62.4918, 67.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 207, 206) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(208,  
207, 206) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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